



PPD's News to Live By

PPD ES&H Newsletter

April 2011

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Mold Prevention

With spring time comes a lot of moisture, which is where mold will thrive. If you have signs of water damage in your work/office area, please report this to your [building manager](#) immediately. It is imperative to find and eliminate the source of moisture. The affected area/materials must then be dried **within 24-48 hours**. The National Institutes of Health offers instructions for specific water-damaged materials in their [Mold Prevention & Remediation Policy](#).

If you have any water damage at home, you can follow similar procedures, e.g. make sure the affected area is dried within 48 hours. If it is a porous material that cannot be thoroughly dried and cleaned, it should be discarded and replaced. For non-porous surfaces, and porous materials that cannot be removed, clean and remove visible mold growth using a soap solution. Those areas can also be disinfected using a 10% bleach/90% water solution, after you have cleaned the area.

Any moldy materials should be double bagged and sealed (the bag wiped clean) prior to the removal from the affected area (s). This can help prevent spreading mold spores to uncontaminated areas.

Additional resources:

- [Common Q&A About Indoor Mold](#), from the Illinois Department of Public Health
- [A Brief Guide to Mold, Moisture, and Your Home](#), from the EPA
- [Mold Prevention](#), an article from Virginia Tech
- [Protect Yourself From Mold](#), an article from CDC's Natural Disaster page
- [Mold Prevention Checklist](#), from the Minnesota Department of Health



Review of Radiation Control and Materials Release Procedures and Practices at Fermilab

On July 13, 2000, the Secretary of Energy issued a memorandum directing all DOE operational and field elements to immediately suspend the release of metal from radiological areas for the distinct purpose of recycling. The suspension was to remain in effect until the Department reviewed all procedures and protocols for monitoring and release of materials from radiological areas and issued new guidance to enhance these processes. This suspension, affects non-radioactive **METALS**, designated as **SCRAP** while residing in a radiological area as defined by 10CFR835. It is important to distinguish the Suspension from the Moratorium, which applies to volumetric radioactive contamination (activation).

Review teams have been sent to several Office of Science and National Nuclear Security Administration laboratories to evaluate their Radiation Control and Materials release programs, specifically against the Secretarial Mandates. *The purpose of these on-site visits is to finally provide assistance toward a possible path forward for the disposition of unwanted items and identify issues or areas of improvement to help meet the Secretarial Mandates.*

The review of Fermilab was scheduled the week of April 4-8, 2011 and focused on four areas of interest.

1. Policy of Secretarial Memoranda: Programmatic encumbrances and impact on costs and schedule;
2. Radiological Areas: Criteria for establishing and de-posting areas and supporting surveys and procedures;
3. Material Control and Clearance: Processes for control and clearance of materials and equipment from radiological areas including compliance with the requirements of 10 CFR 835, "Occupational Radiation Protection";
4. Implementation of the Secretarial suspension on the release of metals for recycle from radiological areas: Status of evaluation and enhancements to management of property control systems and processes as directed in the secretarial memoranda.

During the review, presentations were given by members of the Fermi Site Office, the ES&H Section and Business Services Section to provide the review team with a description of Fermilab's Radiation Protection and Property Management Programs, and how they are integrated. The review team then interviewed members of ES&H and BSS that are directly involved with these two programs. A thorough documentation/procedure review took place, as well as visits to on-site locations where associated activities take place.

Web Attacks! Look Out! Geese Precautions

It is well known that geese, just like any other animal, are protective of their nests and young. If they perceive you as a threat, they may attack. If you get near a nest or gosling, you may hear a goose's defensive hiss. This is typically a first warning. If not dissuaded, the birds may charge or even fly at you. The aggressive behavior usually lasts from the time eggs are laid until the offspring take on adult coloring in May.

Mating and nesting season will soon be upon us, and it is important to note measures to prevent crossing aggressive geese.

- Know where geese are likely to be in your area. Watch for geese and avoid nesting areas and goslings.
- Show them who is boss: When challenged by a goose, Fermilab's Roads and Grounds Department workers recommend making yourself look larger and more threatening by yelling and flapping your arms. Maybe it doesn't look especially cool, but this technique has been highly effective in getting geese to back down.
- Protect yourself. If a goose attacks, or threatens to attack, put whatever items are available to you, such as a briefcase, purse or umbrella, between you and the goose.

Please report problem geese and their locations as soon as possible to Roads and Grounds at x3303, or contact your building manager. This can help to prevent others from being harassed or attacked by the same goose. Roads and Grounds staff can place temporary fences between nests and walkways or apply deterrent chemicals to grassy areas where geese forage.

Check out more details in this [ESH Update](#) from 2002.



Waste Reminder



Some examples of non-Fermilab household waste that have been discovered in dumpsters. Items that were removed from dumpsters include: paint cans, aerosol cans, car tires, anti-freeze etc...

The dumpsters at Fermilab are used for onsite general waste only. Before a dumpster is emptied and all waste is removed, there is someone assigned to inspect and survey the dumpster. That person will verify that no liquid, chemical or radioactive wastes are inside the dumpster. If any of the previously mentioned above are found, the dumpster will automatically get locked out until someone from our Division removes the items from the dumpster.

Fermilab has programs in place for minimizing waste through reduction, reuse and recycling of materials and they can be found in our [FESHM 8022 chapter](#).

Surrounding communities also have recycling programs that would be beneficial to you, contact your waste coordinator for more information about your community programs.

We want to remind everyone that is against Fermilab policy to bring waste from home.

For more information, please contact your PPD Waste Coordinator: [Jose De La O](#), x2557 or Cell 630-485-8060

Task Manager/Construction Coordinator Continuing Education Opportunities

For TM/CC looking for continuing education opportunities, please check out the following:

- [DOE's Operating Experience](#) page offers some videos that meet the training needs of TM/CCs
- [Industrial Safety & Hygiene News](#) webinars
- [Occupational Health & Safety](#) magazine webinars
- [PureSafety On Demand](#) web training
- [Chicagoland Safety & Health Conference](#), September 19-22, 2011

If you know of other training opportunities available for TM/CCs, please forward to [asands@fnal.gov](#).

The "Doh!" Photos of the Month



PPD March Injuries

None to report!

March Winner!!!

Winner of the acrylic cup:



Albert Dyer

Challenge: Provide a humorous caption for the following picture:

Winning Caption: A one star rating for a motel at \$14.95/day is always worth checking out, especially if the motel also offers a poolside bar!!! Can you say "road trip!!!!!"

Runners Up:

- Dude- flip flops are not code.
- Can you say "Hot" Tub?
- I'm glad we found a use for these old worn-out flip flops!
- Oh Groucho, don't worry! It's all "UL"-Underwater Laboratory approved!
- The power of knowledge!
- Marco!.....Marco!!.....MARCO!!!!?
- You know you're a redneck if...you use your slaps (flip-flops to Northern folk) to act as a buoy for the electrical outlet strip which powers the electric grill in your kids mini-pool.
- Suicide without pain.



April Contest

For a chance to win a PPD ES&H acrylic BPA-free cup:

Submit a humorous caption for the following photo.



Please submit your responses/answers to [Angela Sands](#) by April 22nd.

(If there are multiple correct answers/entries, a drawing is held.)

Did you find this newsletter helpful? Does it have the kind of information you are looking for? Your feedback is important. Please continue to use the [electronic safety concern database](#), the suggestion boxes in your area, or send comments to Angela Sands, [asands@fnal.gov](#)